DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315–2590 F (786) 315–2599

www.miamidade.gov/economy

R. C. Aluminum Industries, Inc. 2805 N.W. 75 Avenue Miami, FL 33122

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "PRO075" Aluminum Project Out Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. PCE2012–042.1, titled "Series PRO075 Aluminum Project Out Window Large Missile Impact", sheets 1 through 10 of 10, dated 07/10/12 with the latest revision dated 05/29/13, prepared by Paramount Consulting & Engineering, LLC, signed and sealed by Manuel Emilio Morales, P. E., bearing the Miami–Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

(MIAMEDADE COUNTY)
APPROVED

J.GASCOSA STEATION NOA No. 12-1024.06 Expiration Date: June 06th, 2018 Approval Date: June 06th, 2013 Page 1

R. C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. PCE2012-042.1, titled "Series PRO075 Aluminum Project Out Window Large Missile Impact", sheets 1 through 10 of 10, dated 07/10/12 with the latest revision dated 05/29/13, prepared by Paramount Consulting & Engineering, LLC, signed and sealed by Manuel Emilio Morales, P. E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Water Resistance Test, per ASTM E547-00 (2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference and per FBC, TAS 202-94
 - 3) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 4) Water Resistance Test, per ASTM E331–00 (2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference and per FBC, TAS 202–94
 - 5) Large Missile Impact Test per FBC, TAS 201–94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, Type "B-B" window, Grade 10, Level LV 1 per ASTM F 588-07 and per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of Project Out window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-6605, dated 04/18/2012, signed and sealed by Marlin D. Brinson, P. E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC–2010**, prepared by Paramount Consulting & Engineering, LLC, dated 08/27/12, signed and sealed by Manuel Emilio Morales, P. E.
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.

Jaime D. Gascon, P. E. Product Control Section Supervisor NOA No. 12–1024.06

Expiration Date: June 06th, 2018 Approval Date: June 06th, 2013

R. C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

- 1. Statement letter of no financial interest, conformance and complying with FBC-2010, issued by Paramount Consulting & Engineering, LLC, dated 08/27/12, signed and sealed by Manuel Emilio Morales, P. E.
- 2. Laboratory compliance letter for Test Report No. FTL-6605, issued by Fenestration Testing Laboratory, Inc., dated 04/18/12, signed and sealed by Marlin D. Brinson, P. E.
- 3. Proposal issued by Product Control, dated 09/30/11, with the latest revision, dated 12/19/11, signed by Jaime D. Gascon, P. E.

G. OTHERS

1. None.

Jaime D. Gascon, P. E. Product Control Section Supervisor

NOA No. 12-1024.06

Expiration Date: June 06th, 2018 Approval Date: June 06th, 2013

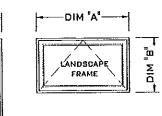
SERIES "PRO75" ALUMINUM PROJECTED OUT WINDOW. LARGE MISSILE IMPACT RATED

APPROVAL DRAWINGS

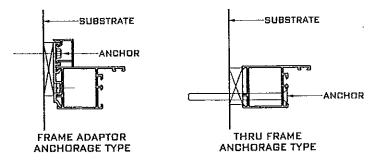
GENERAL NOTES:

- 1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING THE REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2. THIS PRODUCT IS AN ALUMINUM, LARGE AND SMALL MISSILE IMPACT RESISTANT, PROJECTED OUT WINDOW THAT CAN BE USED AT ANY ELEVATION WITHOUT HURRICANE PROTECTIVE SHUTTERS.
- 3. THIS APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF WINDOWS WITH ANY OTHER APPROVED WINDOWS
- 4. DESIGN LOAD RATING FOR THIS PRODUCT TO BE AS PER CHARTS HEREIN INCLUDED FOR A MAXIMUM OF 1/- 85.0 PSF. LOWER PRESSURE RATING FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO AN ENTIRE OPENING. THE DESIGN LOADS OF THE LOCATION WHERE THE PRODUCT WILL BE USED MUST BE CALGULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH
- 5. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY:
 5.1. THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE INSTALLED TO ENSURE PROPER ANCHORAGE
 5.2. THE PROJECT DESIGN CRITERIA AND APPLICABLE CODES OR ORDINANCES.
- THE ADEQUACY AND APPLICABILITY OF THIS APPROVAL.
- 6. THIS APPROVAL DOES NOT INCLUDE WOOD BUCKS AND ITS ATTACHMENT METHOD, WOOD BUCKS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- WINDOW DIMENSIONS IN THIS APPROVAL SHALL BE READ AS:

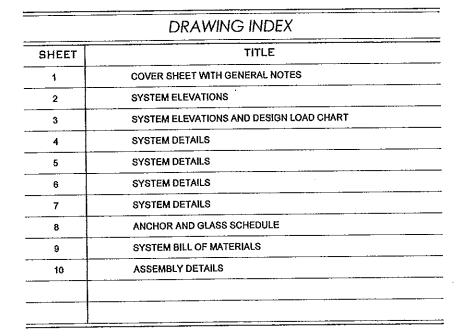




- B. ANCHORS SHALL BE AS LISTED IN THIS DOCUMENT AND SPACED AS INDICATED ON SHEET 02 AND OB OF 10. LISTED EMBEDMENT SHALL BE BEYOND EXTERIOR OR INTERIOR FINISH OF SUBSTRATES. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- 8.1. THE FRAME SHALL HAVE TWO (2) INTERCHANGEABLE ANCHORAGE TYPES: THRU FRAME ANCHORAGE AND FRAME ADAPTOR ANCHORAGE TYPE (SEE DETAILS BELOW).



- 8.2. EACH TYPE OF ANCHORAGE ABOVE DESCRIBED CAN BE USED WITH ANY OF THE FOLLOWING THREE ANCHOR LAYOUT GASES:
- 8.2.1. ANCHOR LAYOUT CASE 1: SEE SHEET 02 OF 10.
- ANCHOR LAYOUT CASE 2: SEE SHEET OZ OF 10.
- ANCHOR LAYOUT CASE 3: SEE SHEET 03 OF 10.
- 9. ALUMINUM: ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY.
- 10. GLASS: THIS PRODUCT IS APPROVED TO BE GLAZED WITH THE FOLLOWING GLASS COMPOSITIONS:
- 10.1. 5/16' LAMINATED GLASS: 1/8" THK. H.S. + 0.090' THK. DUPONT BUTACITE PVB INTERLAYER BY DUPONT DENEMOURS & CO, INC + 1/8' THK, H.S.
- 10.2. 3/8' LAMINATED GLASS: 1/8' THK. H.S. + 0.090' THK. DUPONT BUTACITE PVB INTERLAYER BY DUPONT DENEMOURS & CO, INC + 3/16 THK, H.S.



APPROVAL USE INSTRUCTIONS:

- IDENTIFY ANCHORAGE TYPE AS DESCRIBED ON GENERAL NOTE 8.1
 IDENTIFY DIMENSIONS 'A' AND '8' AS PER GENERAL NOTE 7
 SELECT ONE OF THE THREE CASES OF ANCHOR LAYOUT AS SHOWN ON SHEETS 2 THRU 3
 FIND THE APPLICABLE ALLOWABLE DESIGN LOAD AS PER CHART ON SHEET 3
- USE ONE THE GLASS TYPES LISTED ON SHEET 8 OF 10
- USE ONE OF THE ANCHORAGE METHODS AND ANCHORS LISTED ON SHEET 8 OF 10
- USE LOCKS AND HARDWARE AS LISTED ON SHEET 9 OF 10



6157 NW 167th STREET SUITE F15 MIAMIL FL 33015 Ph: (305) 698-0550 F: (305) 698-0558

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

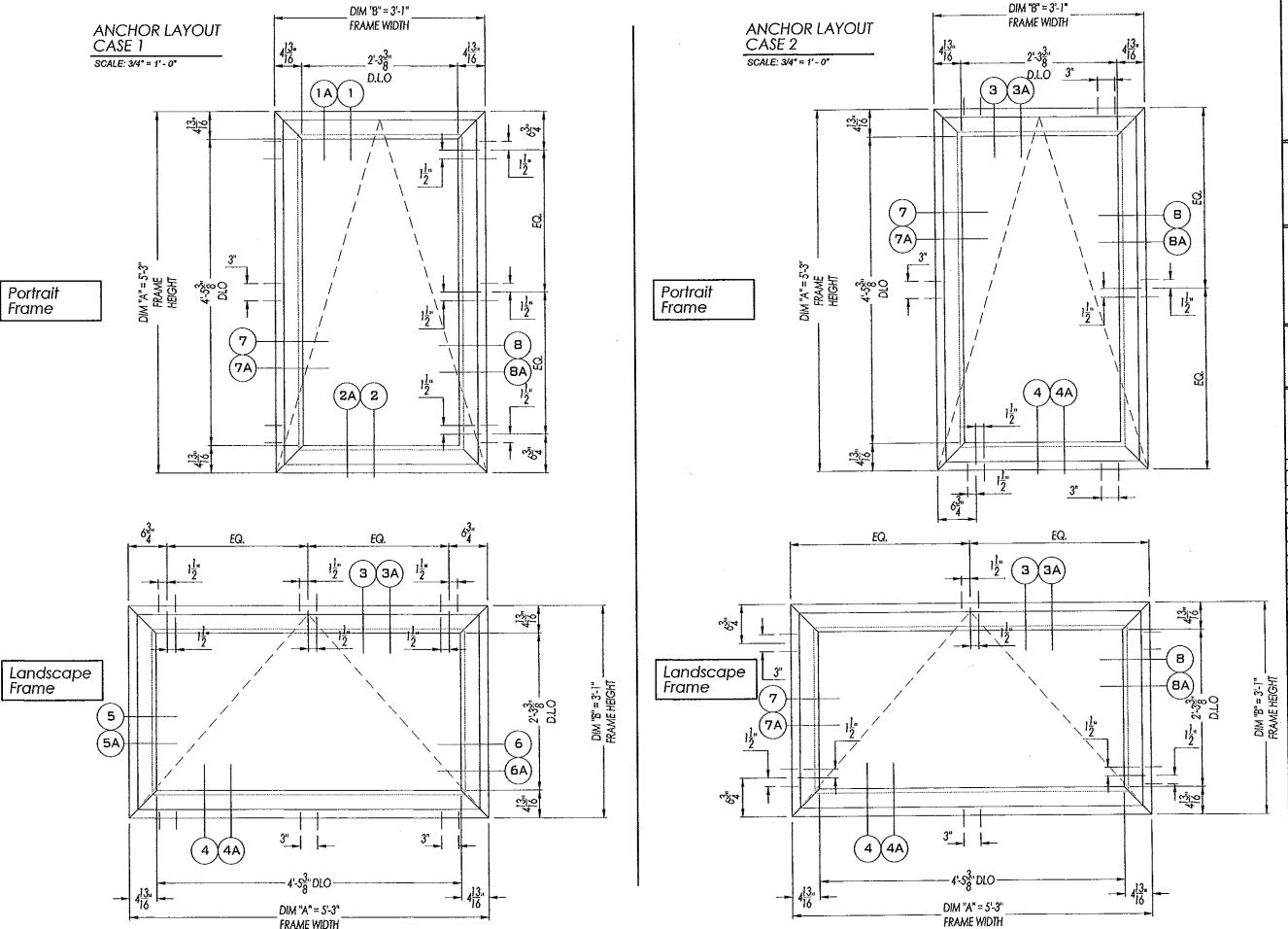
PREPARED BY:
PARAMOUNT CONSUMING
ph. 305.693.0550, for 305.6 PREPARED FOR: DRAWN BY:

	DRAWING R		
le: Pevision	Date:	No.	
	 		
	 		
	 		
	ļ		
	1		

Asproved as complying well the Florida Building Code
Date
NOA#

NOA# Z= DZA-Miomi Dade Product Contact

SOMEO AND SEALED DRAMINGS CHECKED FOR STRUCTURAL COMPLIANCE ONLY, BY:





4167 NW 167th Street Suffe F15 MIAM, FL 33015 Ph: (305) 498-0550 F: (305) 698-0558

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

28D5 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

ELEVATIONS

SCALE: 3/4" = 1'-0"

PREPARED BY: PREPARED BY:
PREMIAND CONSUMO AND EXCHERNO
ph. 305 693050, fac. 305 6930558
PREPARED FOR:
RC AUMMINI REDISTRES, INC.
DATE: DRAWN BY:
6911512012 P.11

DRAWING REVISION LOG

110.	040,	
NO	TES:	

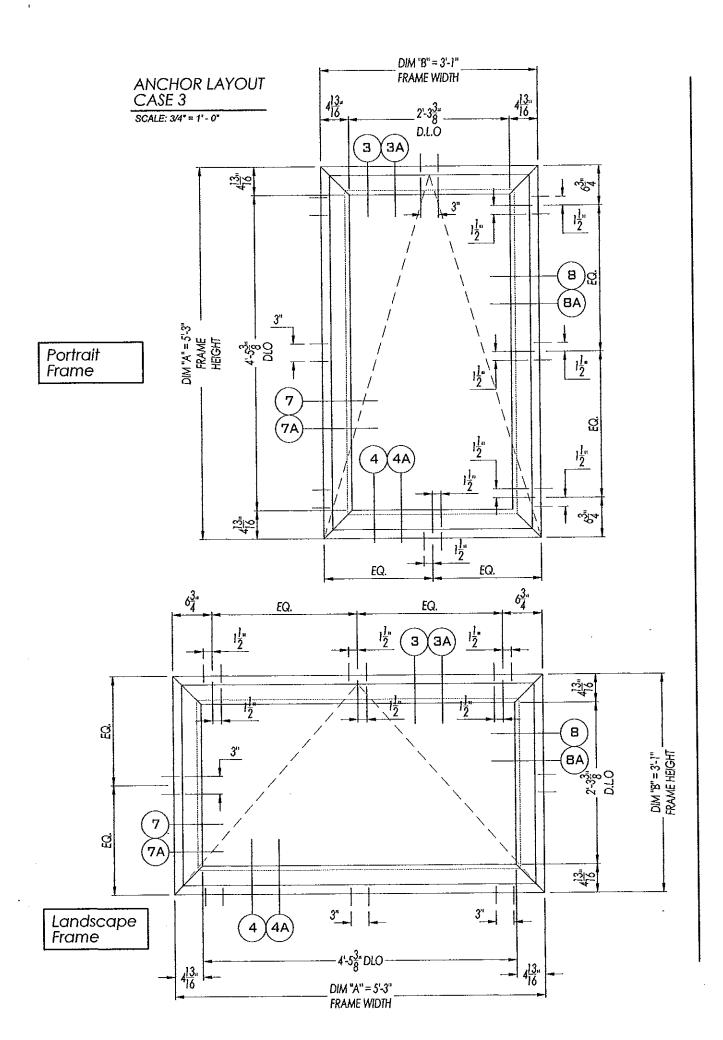
Approved as complying that the Florida Building Cross
Date 121026
NOA# 21026
Minusi Dade Product Contact

SACKED AND SEALED ORAMINGS CHECKED FOR STRUCTURAL COUNTINGE OWLY, BY:

6157 NAV 187A STREET, SUITE F15

DWG No.

PCE2012-042.1 SHEET 02 of 1



		Desi	gn Load	Capaci	ty		
BMID WODNIW (NI X NI)		ANCHOR LAYOUT CASE 1		ANCHOR LAYOUT DASE 2		ANCHOR LAYOUT CASE 3	
"a"	"b"	Pd.	(psf)	Pd. (psf)		Pd. (psf)	
LONG SPAN	SHORT SPAN	EXT (+)	INT (-)	EXT (+)	INT (-)	EXT (+)	INT (•)
	22 3/4	85.0	85.0	85.0	85.0	85.0	85.0
	25 5/8	75.5	75.5	85.0	85.0	75.5	75.5
74 1/4	26 1/4	73.7	73,7	82,9	82.9	73.7	73.7
	24 7/8	85.0	85.0	85.0	85.0	85.0	85.0
			80.5	85.0	85.0	80,5	80.5
72	26 1/4	80.5	77.2	85.0	85.0	77.2	77.2
	27 3/8	77.2	11.2	00.0	00.0		
	32	85.0	85.0	85.0	85.0	85.0	85.0
66	33 1/4	81.8	81.8	85,0	85,0	81.8	81.8
			<u>.</u>				
63	37	85.0	85.0	85.0	85.0	85,0	85.0
03	37	85.0	85.0	85,0	85.0	85.0	85.0
60 3/8	38 3/8	73.5	73.5	85.0	85.0	85.0	85.0
	37	85.0	85.0	85.0	85.0	85.0	85.0
60	38 3/8	73.5	73.5	85.0	85.0	85.0	85.0
	38 5/8	71.6	71.6	84.7	84.7	85.0	85.0
	37	85.0	85.0	85.0	85.0	85.0	85.0
	38 5/8	71.6	71.6	71.6	71.6	85.0	85.0
53 1/8	39 1/8	68.0	68.0	85.0	85.0	85,0	85.0
	40 1/4	60.7	60.7	74.5	74.5	85.0	85.0
	43 1/8	46.1	48.1	54.6	54.6	85.0	85.0
	37	85.0	85.0	85.0	85.0	85.0	85.0
	38 5/8	71.6	71.6	85.0	85.0	85.0	85.0
	39 1/8	68.0	68.0	84.7	84.7	85.0	85.0
50 5/8	40 1/4	60.7	60.7	73.1	73.1	85.0	85.0
	43 1/8	46.1	46.1	53.8	53,8	85.0	85.0
	45 1/4	38.0	38.0	43.9	43.9	85.0	85.0
	37	85.0	85.0	85.0	85.0	85.0	85.0
	38 5/8	71.6	71,6	85.0	85.0	85,0	85.0
	39 1/8	68.0	68.0	81.6	81.6	85.0	85.0
48	40 1/4	60.7	60.7	71.6	71.6	85.0	85.0
- -	43 1/8	46.1	46.1	53,0	53.0	85.0	85.0
	45 1/4	38.0	38.0	43.3	43.3	85.0	85.0

NOTES:

SIZES AND PRESSURES SHOWN ARE BASED DN:

- GLASS CAPACITIES AS PER ASTM £1300-09
 GOMPARATIVE ANALYSIS AS PER FBC 2010, SECTION 2411.3.2.5
 DAYLIGHT OPENING (D.L.O) AREA NOT TO EXCEED 1,461.1 Nº AS TESTED.



6157 NW 167th STREET SUITE F15 MIAML F1 33015 Ph: (305) 678-0550 P: (305) 678-0558

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

ELEVATIONS

SCALE: 3/4"=1"-0"

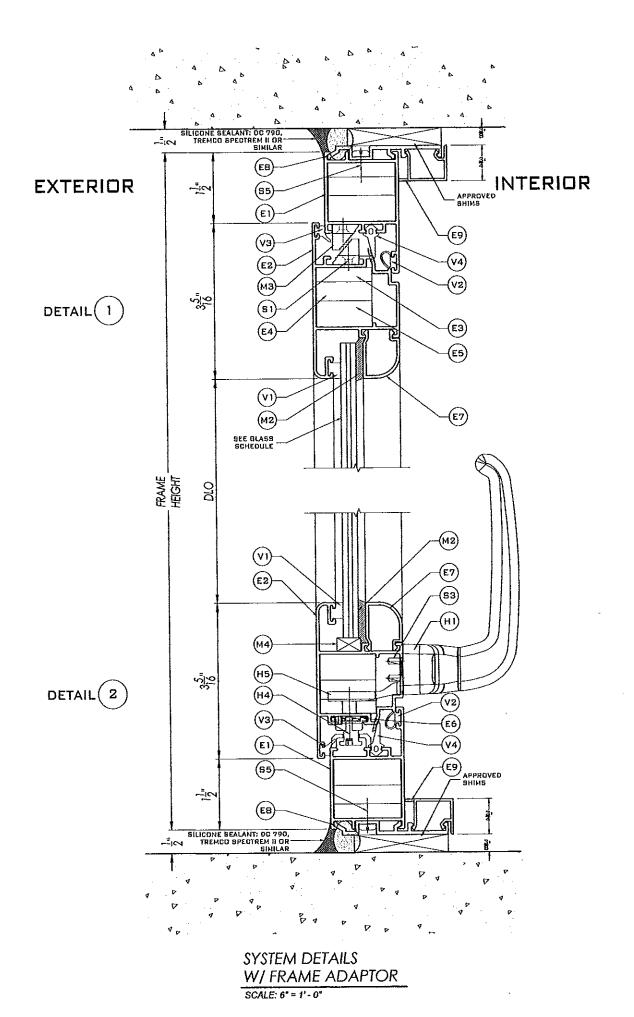
PREPARED BY: PREPARED FOR:
RC AUMMUM BUILTERS, BIC.
DATE: DRAWN BY:
091512012 P/J

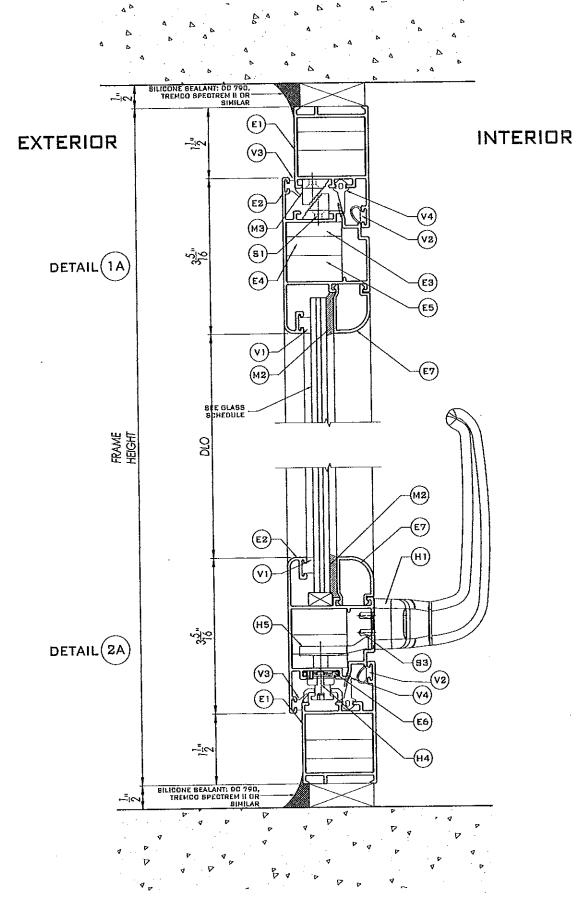
DRAWING REVISION LOG				
No.	Date:	Revisions		
	 			
	 			
	 			
	 			
L	<u> </u>			
l	1	L		

Approved as complying with the Plorida Building Code
Date
NOA# 2-024.
Miami Dade Product Control

SKINED AND SEALED DRAWINGS CHECKED FOR STRUCTURAL COMPLIANCE ONLY, BY:

6157 MY 1976 STREET, SUITE FIS





SYSTEM DETAILS
W/ THRU FRAME ANCHORAGE
SCALE: 6" = 1'-0"



6157 MW 167th Street Suite F15 Miami, F1 33015 Ph: (305) 678-0550 F: (305) 678-0558

www.paramounice.com

PROJECT NAMÉ:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, ING.

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T; 305.592.1515 F: 305.592.1159

SHEET TITLE:

DETAILS

SCALE:

PREPARED BY:
PARAMOUNT CONSULTING AND ENGINEERING
ph. 335.075.0530, fac. 335.078.0559
PREPARED FOR:
RC ALLANDAM ROUSTPES, RIC.

DATE: DRAWN BY:

	DRAWING REVISION LOG				
Ho.	Dote:	Revision:			
	1				
	1				

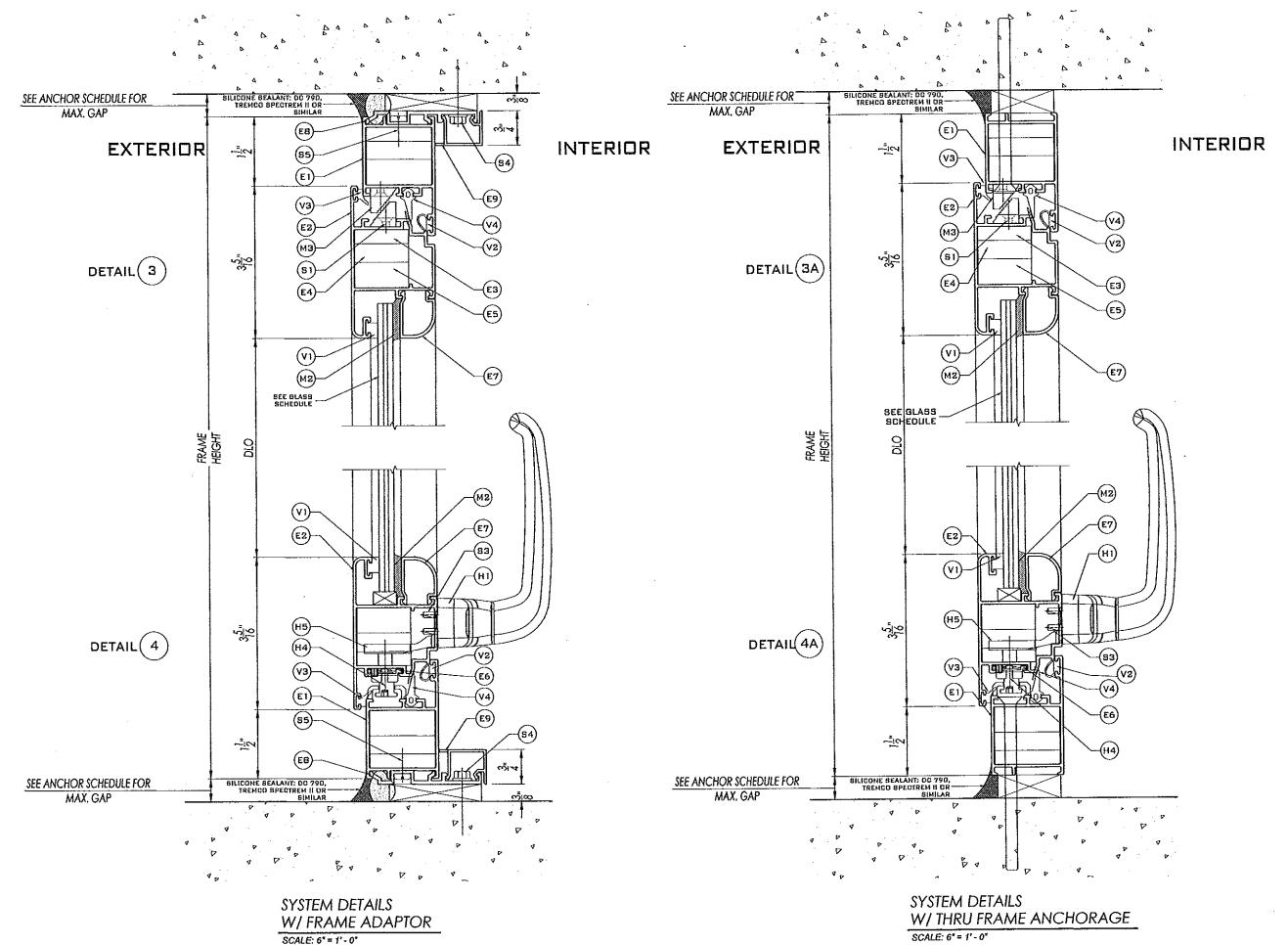
NOTES:

SIGNED AND SEALED DRAWNIGS CHECKED FOR STRUCTURAL COMPLIANCE DINLY, SY:

6157 NW 167% STREET, SUITE F15 WAVE, FL 33015

WANTEL HORALES, P.E. PLACE, 171643

/G No. PCE2012-042.1 SHEET 04 of 1





6157 MW 167th STREET SUITE FLS MIAM, FL 33015 Ph: (305) 698-0550 F: (305) 698-0558

www.paramounice.co

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, ING.

DETAILS

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

ı	SHEET	mre:

SCALE:

5CALE:

PREPARED BY:
PARAMOUNT CONSULTING HIGH EIGHTEPING
ph. 3956940.550, log. 3956940.550
PREPARED FOR:
PREPARED MANAGEMENT AND
PREPARED BY:

DATE: DRAWN BY:

	DRAWING R	EVISION LOG
No.	Date:	Revisions
-		
-		

NOTES:

Approved as complying with the Florida Building Code
Date
NOAH
Miami Dade Product Coatsol

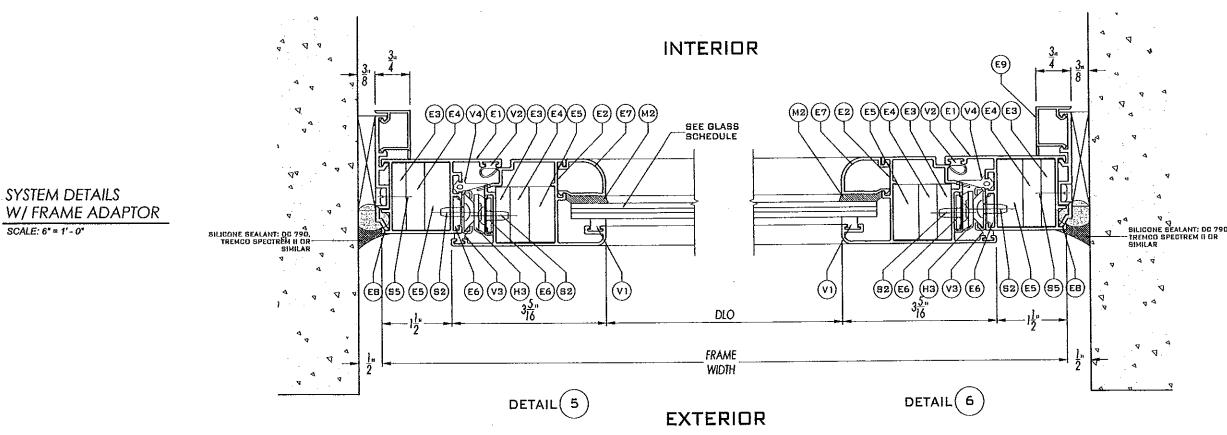
Y THE WAY

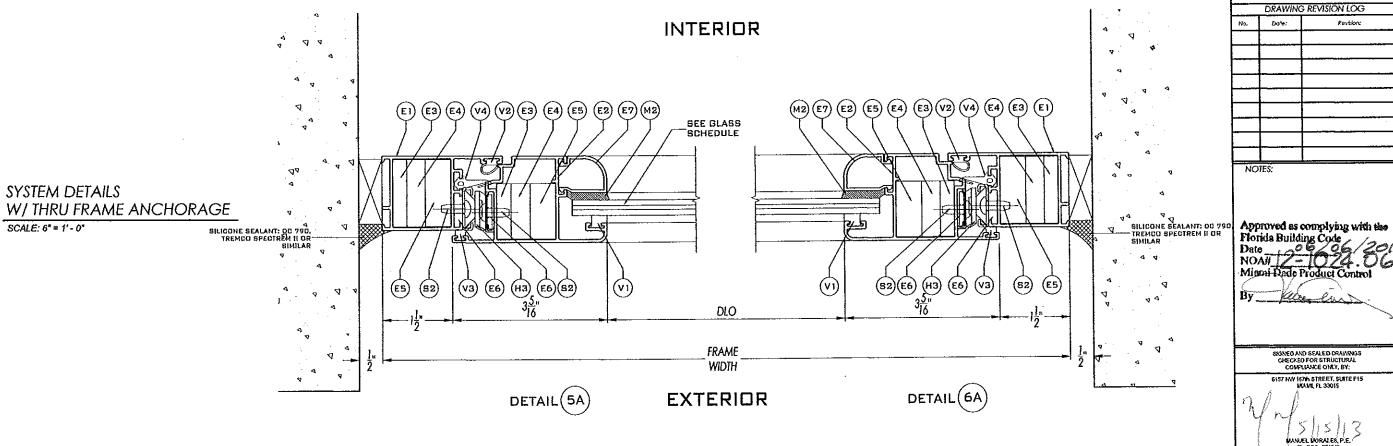
SKINED AND SEALED DRAWINGS CHECKED FOR STRUCTURAL COUNTURNEE ONLY, BY:

6157 NW 157th STREET, SUITE F15

MAINEL MORALES, P.E.

DWG No.







6157 NW 167IN STREET SUITE F15 MIANN, F1 33015 Ph: (305) 698-0550 F: (305) 698-0558

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

2805 NW 75th Avenue Miahi, Florida 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE;

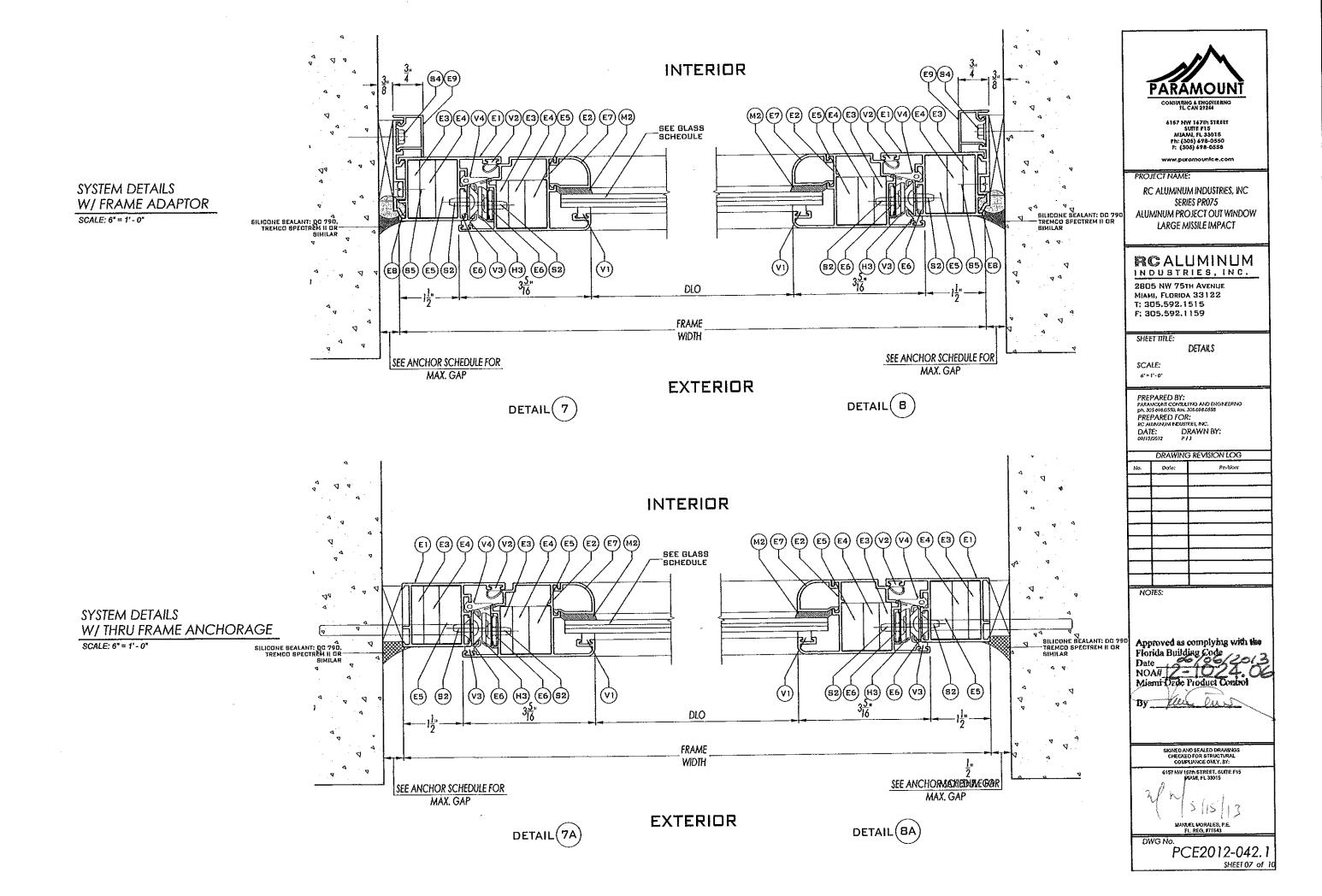
DETAILS

\$CALE: 6"=1"-0"

PREPARED BY:

PARAMOUNI CONSLUTING AND ENGINEERING ph. 305.678.0550, Fax. 305.698.0558 PREPARED FOR:
RC ALLIANIAM EDUSTRES, INC.
DATE: DRAWN BY:
O(15/2012 P / J)

No,	Date:	Revision:
	f	

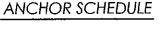


SUBSTRATES AND ANCHORAGE **ALERNATIVES**

SCALE: 6" = 1'-0"

W/ FRAME ADAPTOR

EOGE DISTANCE FRAME ADAPTOR WOOD BUCK, ENGINEERING OF WOOD BUCK ANCHORAGE NOT PART OF THIS APPROVAL METAL STRUCTURE -WOOD STRUCTURE APPROVED MULLION V CONCRETE DR



TYPICAL ANCHORS: SEE ELEVATIONS FOR SPACING

1/4" DIAMETER KWIK CON II BY HILTI (FU=163 KBI, FY=157 KBI)

- A1: INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
- 1 3/8" MINIMUM EMBEDMENT. A2: THRU 1BY WOOD BUCKS INTO STRUCTURE/SUBSTRATE
- 1 1/4" MINIMUM EMBEDMENT INTO CONCRETE OR MASONRY
- A3: DIRECTLY INTO CONCRETE OR MASONRY 1 1/4" MINIMUM EMBEDMENT

#14 SMS OR SELF DRILLING SCREWS (GRADE 5)

- B1: INTO MIAMI-DADE COUNTY APPROVED MULLIONS (0.090" MIN THK.)
- INTO METAL STRUCTURES
- B2: STEEL: 1/8" THK. MIN. (ASTM A36 MIN.)
- B3: ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

ANCHOR EDGE DISTANCES:

1 1/2" MINIMUM INTO CONCRETE OR MASONRY 1" MINIMUM INTO WOOD BUCK OR WOOD STRUCTURE 3/4" INTO METAL STRUCTURE

CONCRETE:

WINDOW FRAME

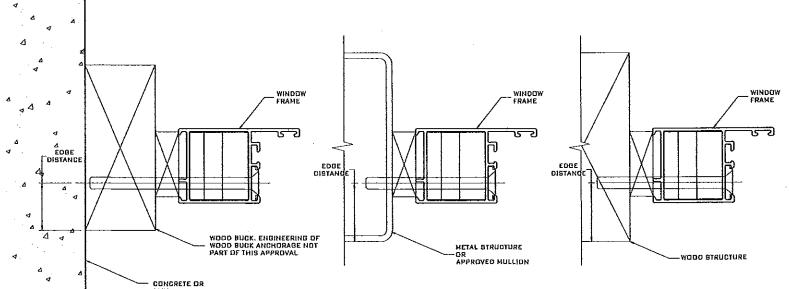
fc=3,000 psi

C-90 HOLLOW/FILLED, fc=2,000 psi

MAXIMUM SHIM GAP:

ANCHOR	MAX. GAP
A1	1/2"
A2	1/2*
A3	1/2"
B1	1/4"
B2	1/4
B 3	1/4"

W/ THRU FRAME **ANCHORAGE**



GLASS SCHEDULE

5/16" THK. LAMINATED GLASS

Composed:

Outboard: 1/8" thk, Heat Strengthened Glass Interlayer: 0.090" thk. PVB by Dupont

Inboard:

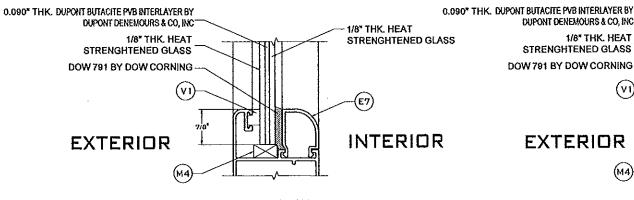
3/8" THK. LAMINATED GLASS

Composed:

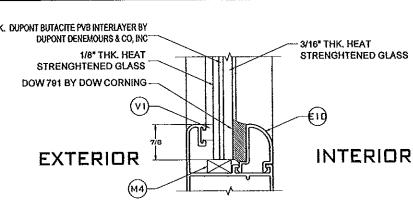
Outboard: 1/8" thk. Heat Strengthened Glass Interlayer: 0.090" thk. PVB by Dupont

Inboard: 3/16" thk. Heat Strengthened Glass

1/8" thk. Heat Strengthened Glass



GLAZING DETAIL WITH: 5/16" THK. LAMINATED GLASS



GLAZING DETAIL WITH: 3/8" THK. LAMINATED GLASS



6157 NW 167th STREET SUITE F15 MIAMI, FL 33016 Ph: (305) 698-0550 F: (305) 698-0558

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM

INDUSTRIES, INC.

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

DETAILS

SCALE:

PREPARED BY:
PARAMCIAN CONSULING AND ENGINEERING
ph. 305.643.0550, fax. 305.678.0559 PREPARED FOR: DATE: 09/15/2012 DRAWN BY:

DRAWING REVISION LOG

NOTES:

Approved as complying with the Provide Building Code
Date
NOA#
Misent Bode Prodect Control

> SIGNED AND SEALED DRAWINGS CHECKED FOR STRUCTURAL COMPLIANCE ONLY, BY:

6157 NW 1676 STREET, SUITE F15 MAN, FL 33015

PCE2012-042.1

SHEET 08 of 1

LOCKS:

LEVER TYPE HANDLE-ACTIVATED SURFACE MOUNT METALLIC 10 POINT LOCK SYSTEM WITH FRAME KEEPERS

HINGES:

(1) SURFACE MOUNT ST/ST 4-BAR HINGE AT EACH JAMB

SNUBBERS:

(6) SURFACE MOUNT PLASTIC ANTI BLOW CLIPS. (3) AT FRAME HEAD AND (3) AT TOP VENT RAIL, LOCATED AS FOLLOWS: AT 7 FROM ENDS AND AT MIDSPAN FOR LANDSCAPE FRAMES AT 4 FROM ENDS AND AT MIDSPAN FOR PORTRAIT FRAMES

WEEP HOLES

1" LONG WEEP NOTCH AT 5 1/4" FROM ENDS AT FRAME SILL.

BILL OF MATERIALS

CODE	QΤY	PART No.	DESCRIPTION	MATERIAL	REMARKS
	ŗ		EXTRUSIONS		
El	4	CM075-001	FRAME HEAD/ SILL/ JAMBS.	ALUMINUM. 6063-T6	
E2	4	CM075-002	VENT HEAD/ SILL/ JAMBS.	ALUMINUM. 6063-T6	
E3	AS REQ'D	CMO75:007	FRAME & VENT CORNER LOCK MALE	ALUMINUM. 6063-T6	
E4	AS REQ'D	CM075·004	FRAME & VENT CORNER LOCK 3551 FISA	ALUMINUM. 6063-T6	
E5	AS REQ'D	CM075-005	FRAME & VENT CORNER LOCK ADAPTOR.	ALUMINUM. 6063-T6	
E6	AS REQ'D	CM075-006	ALUMINUM LOCK PLATE	ALUMINUM.	
Ε7	4	FX075-003	GLAZING BEAD	ALUMINUM, 6063-T6	
EB	AS REQ'D	FX075-001	INSTALLATION FRAME ADAPTOR	ALUMINUM. 6063-T6	
E9	AS REQ'D	500Y-010	SNAP COVER	ALUMINUM.	
EID	AS REQ'D	FX075-004	GLAZING BEAD	ALUMINUM.	

· · ·			VINYLS		
V 1	AS REQ'D	V-101	SQUARE VYNIL TPE MELTPOINT,	TPE	DUROMETER 70 +/- 5
V2	AS REQ'D	V-108	TEAR VINYL FOR INSIDE VENT	ЕРОМ	DUROMETER 65 +/- 5
V3	AS REQ'D	V-060A	FINBER BASKET	NEOPRENE	
V4	AS REQ'D	V-104	FRAME FLAPPY VYNIL	EPDM	DUROMETER 65 +/- 5

			MISCELLANEOUS	
МІ	AS REQ'D	DOW- 791 DR SIM	SILICONE FOR ASSEMBLY	
M2	AS REQ'D	DOW∙ 791	BLACK SILICONE FOR GLAZING	
МЗ	AS REQ¹D	12206	SNUBBERS / ANTI-BLOWOUT CLIP	
M4	AS REQ'D		1/4" X 1/2" X 4" LONG T.P.E. SETTING BLOCK	

SCREWS			
81	2/M3	#6 X 1/2' LG. FH. SMS. ST/ST	
52	8/H3	#10 X 1/2° LG. PH. THREAD CUTTING POINT 'F" ST/ST.	
83	4/HI	10-24 X 3/4 LG. PH. MS ST/ST	
54	AS REQ'D	INSTALLATION ANCHOR. SEE ANCHOR SCHEDULE	
55	2 / E8	10-32 X 1/2 LG. FH. MS ST/ST	
-			

			HARDWARE		
H1	1	CR0115-XX	HANDLE EXTERIOR COLOR WHITE		
H2	AS REQ'D	KT0015	LOCK POINT NON-CENTER		
нз	2	851-117-8046	4-BAR HINGE	ST/ST	
H4	AS REQ'D	08100E03	FORWARDING SQUARE W/ MUSHROOM HEADS		
H5	AS REQ'D		MULTI POINT CONNECTION BARS	MAKADO	



6157 NW 167th STREET SUITE F15 MLAMF, FL 33015 Ph: (305) 678-0550 F: (305) 678-0558

www.paramounice.co

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PR075 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

2805 NW 75TH AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

BILL OF MATERIALS

SCALE:

PREPARED BY:
PARIMONIC CHEMICA AND BIGNETHING
PAREMONIC CHEMICA AND BIGNETHING
PAREPARED FOR:
RC AUMINIM EDURIES, NC.
DATE:
DATE:
DRAWN BY:
09/15/2012
P/J

	DRAWING	REVISION LOG		
No.	Da'e:	Revisions		

NOTE

Approved as complying with the Florida Building Code
Date
NOA# Z= 100 4 06
Mismi Dalle Product Costsol

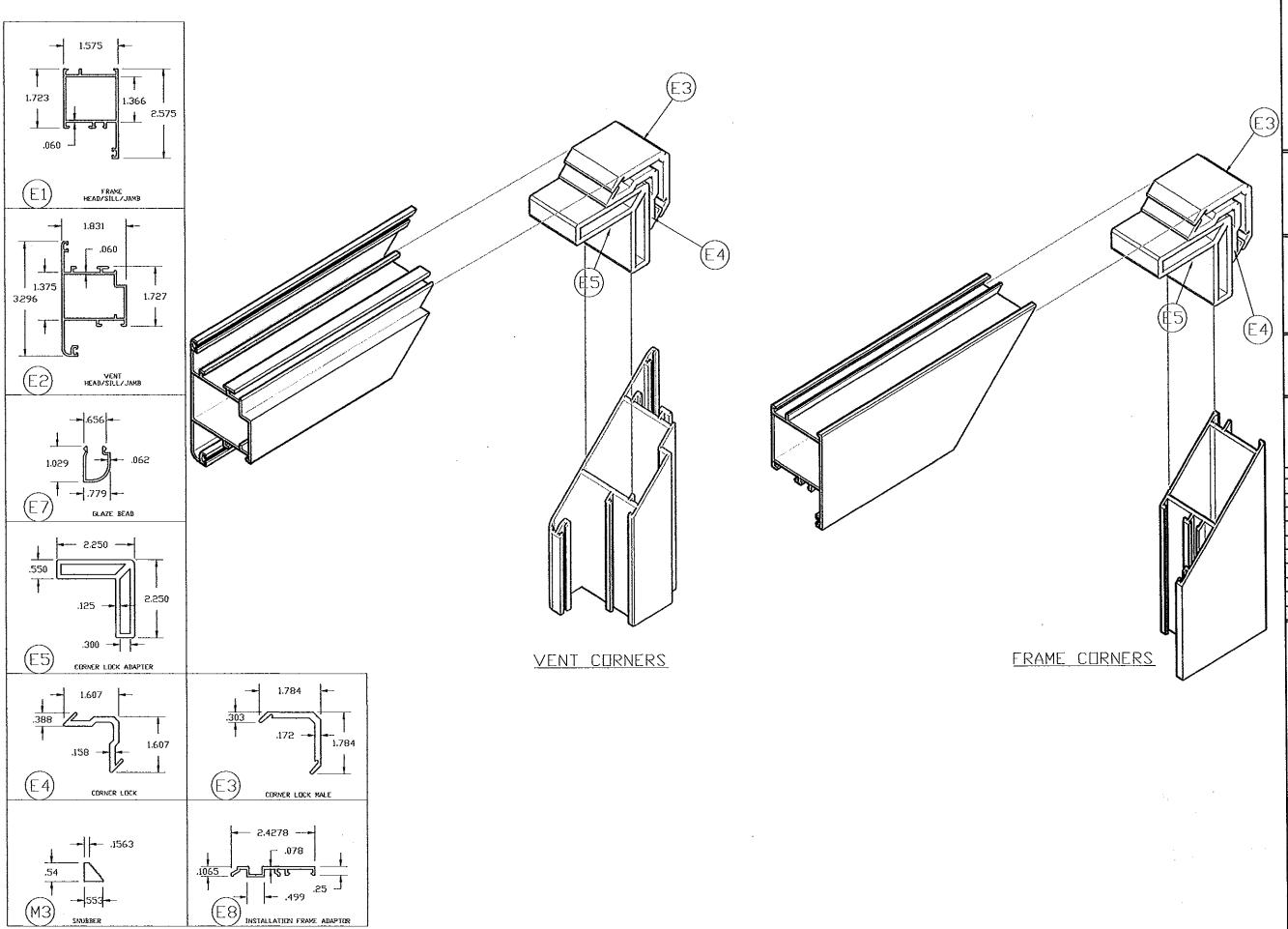
SIGNED AND SEALED DRAWN CHECKED FOR STRUCTURAL

CHECKED FOR STRUCTURA COMPLIANCE ONLY, BY: 6157 NAY 167th STREET, SUITE

11/5/15

FL. REG. #7

DWG No.





6157 NW 167th Street Suffe F15 MIAMI, FL 33015 Ph: (305) 678-0550 F: (305) 678-0558

PROJECT NAME:

RC ALUMINUM INDUSTRIES, INC SERIES PRO75 ALUMINUM PROJECT OUT WINDOW LARGE MISSILE IMPACT

RCALUMINUM INDUSTRIES, INC.

2805 NW 75th AVENUE MIAMI, FLORIDA 33122 T: 305.592.1515 F: 305.592.1159

SHEET TITLE:

SCALE:

PREPARED BY:
PREMIONI CONSUMA NO EXPREENS
PASSAGESS, for DESCREENS
PREPARED FOR:
RC AUMAIMMEDISTEES INC.
DATE: DRAWN BY:
00/15/2012 P/J

DRAWING REVISION LOG

No.	Date:	Perfeions	
	-		
	-		
	 		

NOTES:

Approved as complying with the Florida Building Code 2013
Date 8024.06
NOAN 2-1024.06
Mismi Date Product Control

SIGNED AND SEALED DRAWNINGS CHECKED FOR STRUCTURAL COMPLIANCE ONLY, BY:

6157 NAV 1678: STREET, SUITE F15
// WAVI, FL 33015

"PCE2012-042.1 SHEET 10 of 10